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On-line Energy Training Videos now on DVD
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QUESTIONS and ANSWERS

RESIDENTIAL

Q

What are the penalties for altering a National Fenestration Rating Council (NFRC) label?

A

Altering an NFRC label is strictly prohibited and can result in revocation of a fenestration manufacturer's licensing and labeling agreement with the NFRC if the label was altered by the manufacturer or its agent. In addition, a fine of up to \$2,000 may be levied against the manufacturer for each label found to be altered. Tampering is an issue in the field, because in some cases NFRC labels have been altered on site. In one case a white sticky typewritten label was patched onto the NFRC label (see photos) and in another case, the added sticky label was lettered by hand with a marker. Field tampering or alteration by a vendor or contractor can result in action and possible serious sanctions under the California Business and Professions Code Sections 17200, et seq. (Unfair Competition), and 17500, et seq. (Fraud and Misleading Facts). Fenestration labeling is addressed in the Standards in Sections 10-111 and 116(a)2.A.

Some examples of unauthorized alterations. The name of the manufacturer on the left has been removed.



...continued on page 2

The Energy Commission's ENERGY HOTLINE

QUESTIONS and ANSWERS

CONTINUED FROM PAGE 1



Q When I make an alteration to my building, do I have to comply with the energy code?

A Yes, if a permit is required by the building department and the type of alteration made is covered by the energy code. See Section 152(b) of the *Energy Efficiency Standards for Residential and Nonresidential Buildings*.

NONRESIDENTIAL

Q What is the enforcement agency for State buildings? Do the Energy Efficiency Standards requirements apply?

A The enforcement agency for State buildings is the Real Estate Division, Professional Services Branch, Construction Services part of the Department of General Services (DGS). State buildings must comply with all Parts of Title 24, including Part 6, the energy code.

Plans and specifications must be submitted to DGS. The local jurisdiction does not get involved. A State professional engineer must sign off or stamp the documents to indicate compliance with the energy code.



Five students and four professional staff members operate our Energy Hotline. They research and answer questions regarding Title 24 energy efficiency issues.

Most of our callers are building officials, energy consultants and engineers. We also help some home owners with questions about their energy forms for home additions.

About half the calls to the Hotline are residential questions, while the other calls concern nonresidential and other issues. We get inquiries about appliances and insulation requirements, as well as heating, ventilation and air conditioning (HVAC) issues.

Many of the questions the Hotline staff answer are published in the "Blueprint." We encourage you to participate by calling or submitting written questions, information or photographs for inclusion in future issues. Our goal is to serve your needs.

Please contact the Hotline with comments or questions regarding the energy efficiency standards.

The Hotline hours are from 8:00 a.m. to 12:00 p.m. and 1:00 p.m. to 4:30 p.m. Monday through Friday, except on holidays. For any questions or additional information relating to the Standards contact the Energy Hotline at (800) 772-3300.

A NOTE ON THE CURRENT ENERGY CODE

With all the talk about the 2005 energy code changes, it's easy to forget that the current 2001 energy code is effective until the new 2005 Standards go into effect.

The current code is the **2001 Energy Efficiency Standards for Residential and Nonresidential Buildings** and was adopted as emergency legislation under Assembly Bill 970 following an electricity crisis in California. If you're working from an older code, the 2001 Standards are available free in hard copy and in electronic versions as follows:

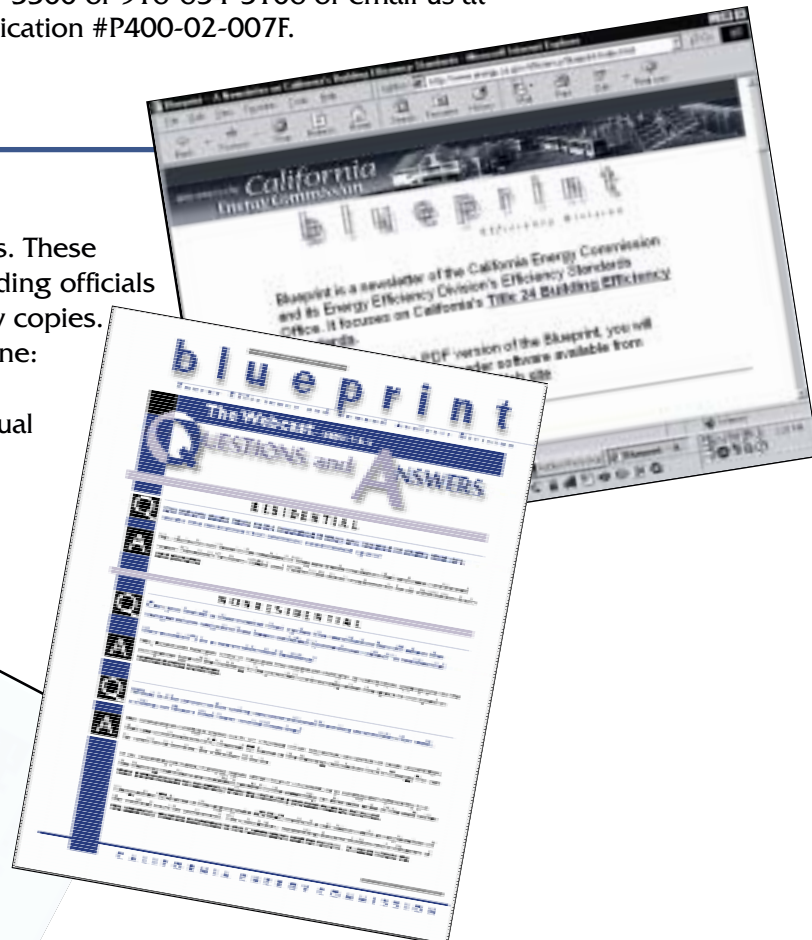
For hard-copy versions, please call the Energy Standards Hotline toll-free from inside California at 800-772-3300 or 916-654-5106 and ask for Publication #P400-01-022.

On the Internet, visit www.energy.ca.gov/title24/standards and download the standards in pdf format;

For a CD-ROM, call the Hotline at 800-772-3300 or 916-654-5106 or email us at title24@energy.state.ca.us and ask for Publication #P400-02-007F.

Thank you for using energy efficiently.

You can also order copies of the Residential and Nonresidential Manuals. These publications are available for \$40.00. Building officials and jurisdictions can order complementary copies. To order call the Energy Commission Hotline: 1-800-772-3300 and ask for publication #P400-01-023 for the Nonresidential Manual and publication #P400-01-022 for the Residential Manual.



The Blueprint is available online. An Index to Blueprint Issues 1 through 69, as well as current and past issues of the Blueprint are available online in pdf format at: <http://www.energy.ca.gov/efficiency/blueprint/index.html>

TRAINING

Class Schedule for Southern California Edison and San Diego Gas & Electric:

5,

5

CONTACT INFORMATION FOR OTHER ENERGY RELATED GROUPS:

THE BUILDING INDUSTRY INSTITUTE (BII)

www.thebii.org
1215 K Street, Suite 1200
Sacramento, CA 95814
(916) 443-7933

The Institute was founded by the California Building Industry Association (CBIA) to develop, implement and administer research and educational programs for homebuilders, developers, and the general public.

CABEC

California Association of Building Energy Consultants

www.cabec.org
P.O. Box 892975, Temecula, CA 92589-2975
1-866-360-4002

A nonprofit organization, CABEC members include energy consultants, architects, and engineers actively participating in compliance work with the California Building Energy Efficiency standards, Title 24.

CALBO (California Building Officials)

www.calbo.org
2215 21st Street.

Sacramento, CA. 95818

(916) 457-1103

FAX: (916) 456-7672

A nonprofit organization dedicated to promoting public health and safety in building construction.

CALIFORNIA BUILDING INDUSTRY ASSOCIATION (CBIA)

www.cbia.org
1215 K Street, Suite 1200
Sacramento, CA 95814
Phone: (916) 443-7933
Fax: (916) 443-1960

A statewide trade association representing nearly 6,000 businesses – homebuilders, remodelers, subcontractors, architects, engineers, designers, and other industry professionals.

CALIFORNIA BUREAU OF HOME FURNISHINGS AND THERMAL INSULATION (BHFTI)

www.bhfti.ca.gov
3485 Orange Grove Avenue
North Highlands, CA 95660
(916) 574-2041

OPPORTUNITIES

Class Schedule for Southern California Gas & Electric:

Title 24 Builder Energy Code Training

Learn about compliance for residential buildings with the latest energy codes. This free training is sponsored by the California Energy Commission and the Department of Energy (DOE). Training is provided by the Building Industry Institute (BII) and taught by Consol.

Date:

July 16-18

July 23-25

August 6-8

August 20-22

August 27-29

Location:

Riverside

San Diego2

Las Vegas

Sacramento

Orange County

For more information and registration, please call Consol at (209) 473-5000

Licensing: (916) 574-0280

fax: (916) 574-2043

E-mail: contactbhfti@dca.ca.gov

The Bureau regulates upholstered furniture and bedding products sold in California to make sure they meet health, fire safety, and labeling standards.

CHEERS

(California Home Energy Efficiency Rating System, Inc.)

www.cheers.org

9400 Topanga Canyon Boulevard

Suite 220

Chatsworth, CA 91311

(800) 4-CHEERS (1-800-424-3377)

fax: (818) 407-1188

E-mail: info@cheers.org

A California Statewide non-profit organization dedicated to promoting energy efficiency. CHEERS was created to provide a simple, accurate and reliable method of measuring the existing energy efficiency of a home, estimate its annual energy costs and provide a list of energy saving recommendations for improvements.

NATIONAL FENESTRATION RATING COUNCIL (NFRC)

www.nfrc.org

8484 Georgia Avenue, Suite 320

Silver Spring, Maryland 20910

(301) 589-1776 extension 204

E-mail: info@nfrc.org

Its mission is to establish a fair, accurate, and credible national energy rating system for fenestration products and to ensure that the rating system is uniformly employed.

THE COOL ROOF RATING COUNCIL (CRRC)

www.coolroofs.org

1738 Excelsior Avenue

Oakland, CA 94602

Tel: (866) 465-2523 (toll free)

Fax: (510) 482-4421

E-mail: info@coolroofs.org

An independent and non-biased organization that has established a system for providing accurate radiative property data on roof surfaces that may improve the energy efficiency of buildings.

Gray Davis
Governor

Mary D. Nichols
Secretary for Resources

**CALIFORNIA
ENERGY COMMISSION**

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CHANGE OF ADDRESS

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[www.energy.ca.gov/
efficiency](http://www.energy.ca.gov/efficiency)

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(916) 654-5106

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The New URL for Online Training Videos is: www.energyvideos.com

The 96 videos from the Online Training series are now available in limited supply in a two DVD set. These publications are available for \$12.95. Building officials and jurisdictions can order complementary copies. To order call the Energy Commission Hotline: 1-800-772-3300 and ask for publication # 400-03-010S1.

For any questions or additional information relating to the Standards contact the Energy Hotline at (800) 772-3300.